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Search



List



First



Prev



Next



Last

MicroPatent's Patent Index Database: Record 1 of 1 [Individual Record of JP7500979T]

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JP7500979T [19950202](#) [FullText](#)

Abstract: (ENG) A system for externally locating a sensor in tissue, comprising an external probe including at least first and second electromagnetic output coils with non-parallel longitudinal axes; and output coil driver for alternately energizing the first and second output coils, for generating a time-varying magnetic field which penetrates the patient's skin; a sensor coil, having a longitudinal axis, for developing an induced electrical voltage in response to the time-varying magnetic field; a distance determinator, responsive to the induced voltage from the sensor coil, for determining from the induced voltage, the distance between the output coils and the sensor coil, independently of the relative angle, in a horizontal plane, between the sensor coil longitudinal axis, and the longitudinal axes of the output coils; and a direction determinator for determining and displaying the direction, in the horizontal plane, in which the sensor coil longitudinal axis is pointing.

Application Number: JP 50528492 A**Application (Filing) Date:** 19920827**Priority Data:** US 9207253 19920827 W W N; US 75502491 19910904 A Y;**Last Modification Date:** 20090724**Original IPC (1-7):** A61M02500

Current IPC-R	invention	version	additional	version
Advanced	A61B00506	20060101	A61B01900	20060101
	A61M02500	20060101		
	A61M025095	20060101		
	G01V00310	20060101		
Core	A61B00506	20060101	A61B01900	20060101
	A61M02500	20060101		
	A61M025095	20060101		
	G01V00310	20060101		

ECLA (European Class): A61B00506; G01V00310C2**Legal Status:** There is no Legal Status information available for this patent

Search



List



First



Prev



Next



Last

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